

EAST Search History

S12	173	(mold molding composite) near7 (fiber strand yarn bundle roving tow) near7 (kenaf jute sisal hemp)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/17 07:42
S13	160	(mold molding composite) near7 (fiber strand yarn bundle roving tow) near7 (kenaf jute sisal hemp) and (thermoset thermoplastic polymer plastic resin binder)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/17 09:35
S14	1	("5,766,541").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/17 09:35
S15	1	("6946322").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/17 10:43
S16	10	(owens and corning).as. and (fiber) and (texturiz\$3) and (cut\$3 chop chopp\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 13:27
S17	8	(owens and corning).as. and (fiber) and (texturiz\$3) and (cut\$3 chop chopp\$3) and binder	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 13:28
S18	1	("4569471").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 07:26
S19	2	("5976435" "5766541").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 07:27
S20	2	("5976453" "5766541").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 08:19
S21	1	("5317037").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 08:20
S22	5	("6986810" "6818085" "6254810" "6800364" "6585930").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 08:22
S23	5	S22 and (sugar)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 08:22
S24	1	(US-6800364-\$).did.	USPAT	OR	ON	2007/01/18 08:32
S25	0	S24 and (glass fiberglass)	USPAT	OR	ON	2007/01/18 08:33
S26	1	(US-6585930-\$).did.	USPAT	OR	ON	2007/01/18 08:33
S27	0	S26 and (glass fiberglass)	USPAT	OR	ON	2007/01/18 09:11

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S28	1017	(mold\$3) same (resin binder) same (inject\$3 appl\$3 coat\$3) same (sugar sucrose galactose glucose mannose maltose dextrose fructose (corn near2 syrup) disaccharide monosaccharide trisaccharide polysaccharide)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 09:13
S29	268	(mold\$3) same (resin binder) same (inject\$3 appl\$3 coat\$3) same (sugar sucrose galactose glucose mannose maltose dextrose fructose (corn near2 syrup) disaccharide monosaccharide trisaccharide polysaccharide) same (preform glass fiberglass fibers yarn roving strands)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 09:15
S30	249	(mold\$3) same (resin binder) same (inject\$3 appl\$3 coat\$3) same (sugar sucrose galactose glucose mannose maltose dextrose fructose (corn near2 syrup) disaccharide monosaccharide trisaccharide polysaccharide) same (glass fiberglass fibers yarn roving strands)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 09:15
S31	150	(mold\$3) same (resin binder) same (inject\$3 appl\$3 coat\$3) same (sugar sucrose galactose glucose mannose maltose dextrose fructose (corn near2 syrup) disaccharide monosaccharide trisaccharide polysaccharide) same (preform glass fiberglass fibers yarn roving strands) same (prior first encapsulat\$3 surround\$3 internal before)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 09:18
S32	140	(mold\$3) same (resin binder) same (inject\$3 appl\$3 coat\$3) same (sugar sucrose galactose glucose mannose maltose dextrose fructose (corn near2 syrup) disaccharide monosaccharide trisaccharide polysaccharide) same (glass fiberglass fibers yarn roving strands) same (prior first encapsulat\$3 surround\$3 internal before)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 09:21
S33	2161	(mold\$3) same (resin binder) same (inject\$3 appl\$3 coat\$3) same (glass fiberglass fibers yarn roving strands) same (encapsulat\$3 surround\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 09:22

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S34	791	(mold\$3) same (resin binder) same (inject\$3 appl\$3 coat\$3) same (glass fiberglass fibers yarn roving strands) same (encapsulat\$3 surround\$3) same (bond\$3 loose unbond\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 09:22
S35	296	(mold\$3) same (resin binder) same (inject\$3 appl\$3 coat\$3) same (glass fiberglass) same (fibers yarn roving strands) same (encapsulat\$3 surround\$3) same (bond\$3 loose unbond\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 09:23
S36	286	(mold\$3) same (resin binder) same (appl\$3 coat\$3) same (glass fiberglass) same (fibers yarn roving strands) same (encapsulat\$3 surround\$3) same (bond\$3 loose unbond\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 10:57
S37	36	(mold\$3) same (resin binder) same (appl\$3 coat\$3) same (glass fiberglass) same (fibers yarn roving strands) same (encapsulat\$3 surround\$3) same (loose unbond\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 10:22
S38	36	(US-20030104738-\$ or US-20060135022-\$).did. or (US-5699700-\$ or US-7087296-\$). did. or (US-1547666-\$ or US-2782465-\$ or US-2836529-\$ or US-2837381-\$ or US-2907084-\$ or US-2910420-\$ or US-2919218-\$ or US-2947452-\$ or US-2984312-\$ or US-3034791-\$ or US-3040203-\$ or US-3045102-\$ or US-3109540-\$ or US-3115271-\$ or US-3170197-\$ or US-3177275-\$ or US-3214321-\$ or US-3214319-\$ or US-3246893-\$ or US-3249491-\$ or US-3272609-\$ or US-3322435-\$ or US-3330977-\$ or US-3375933-\$ or US-3398655-\$ or US-3505729-\$).did. or (US-3508677-\$ or US-3542451-\$ or US-3557390-\$ or US-3635879-\$ or US-3671384-\$ or US-3671378-\$). did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 10:22
S39	36	S38 and (loose unbond\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 10:35
S40	86	(gel near4 coat\$3) same (mold\$3) same (shell encapsulat\$3) same (glass fibers fiberglass strands roving yarn) same (binder resin)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 10:38

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S41	13	(gel near4 coat\$3) same (mold\$3) same (shell encapsulat\$3) same (glass fibers fiberglass strands roving yarn) same (binder resin) same (loose free unbond\$3 unbound\$3 binderless)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 10:57
S42	5567	(264/257,258,264,271.1).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 10:57
S43	68	S42 AND (mold\$3) same (resin binder) same (glass fiberglass) same (fibers yarn roving strands) same (encapsulat\$3 surround\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 10:58
S44	68	S42 AND (mold\$3) same (resin binder) same (glass fiberglass) same (fiber yarn roving strands) same (encapsulat\$3 surround\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 11:24
S45	50	S42 AND (mold\$3) same (resin binder) same (glass fiberglass) same (fiber yarn roving strands) same (gel near4 coat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 11:09
S46	54	S42 AND (mold\$3) same (resin binder) same (glass fiberglass) same (fiber yarn roving strands mat) same (gel near4 coat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 13:13
S47	48	S46 not S44	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 11:10
S48	4446	(264/79,129,112,113,240,214,242). ccls. (156/90).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 11:23
S49	7	S48 AND (mold\$3) same (resin binder) same (glass fiberglass) same (fiber yarn roving strands mat) same (gel near4 coat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 11:23
S50	14	S48 AND (mold\$3) same (resin binder) same (glass fiberglass) same (fiber yarn roving strands) same (encapsulat\$3 surround\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 11:25

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S51	25	(US-20050214519-\$).did. or (US-4001935-\$ or US-4569471-\$ or US-5688301-\$ or US-5766541-\$ or US-5806387-\$ or US-5885390-\$ or US-5976453-\$ or US-6013213-\$ or US-6029897-\$ or US-6254810-\$ or US-6370747-\$ or US-6800364-\$ or US-6818085-\$ or US-6986810-\$ or US-7077922-\$).did. or (US-2782544-\$ or US-2984312-\$ or US-3141811-\$ or US-3170197-\$ or US-3214319-\$ or US-3328086-\$ or US-3508677-\$ or US-3730808-\$ or US-3810798-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 13:13
S52	13	S51 AND (mold\$3) same (resin binder) same (glass fiberglass) same (fiber yarn roving strands mat)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 13:14
S53	2	S51 AND (mold\$3) same (resin binder) same (glass fiberglass) same (fiber yarn roving strands mat) same (gel near4 coat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 13:41
S54	10445	(resin binder) with (apply appl\$3 coat\$3) with (mold)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 13:42
S55	21865	(resin binder) with (apply appl\$3 coat\$3) with (mold\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 13:42
S56	7593	(resin binder) with (apply appl\$3 coat\$3) with (mold\$3) with (wall surface face)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 13:43
S57	2169	(resin binder) with (apply appl\$3 coat\$3) with (mold\$3) with (wall surface face) and ((glass e-glass fiberglass) same (fibers strands yarn roving))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 13:44
S58	194	(resin binder) with (apply appl\$3 coat\$3) with (mold\$3) with (wall surface face) and ((glass e-glass fiberglass) same (fibers strands yarn roving)) and (preform)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 13:46
S59	180	(resin binder) with (apply appl\$3 coat\$3) with (mold molding) with (wall surface face) and ((glass e-glass fiberglass) same (fibers strands yarn roving)) and (preform)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 13:51

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S60	131	(resin binder) with (apply appl\$3 coat\$3) with (mold molding) with (wall surface face) and ((glass e-glass fiberglass) same (fibers strands yarn roving)) and (preform) and (continuous)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 13:52
S61	70	(resin binder) with (apply appl\$3 coat\$3) with (mold molding) with (wall surface face) and ((glass e-glass fiberglass) same (fibers strands yarn roving) same (continuous)) and (preform)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 13:52
S62	1	"5407631".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 14:26
S63	27	("2827666" "3170197" "3193440" "3410936" "3437508" "3791783" "3962753" "4061485" "4228123" "4664864" "4795335" "4946638" "5041260" "5093963").PN. OR ("5407631").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 14:29
S64	6	S63 and (fluff\$3 fluffed\$3 wool wool-like texturiz\$3 (strands near4 separat\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 14:31
S65	2	S63 and (fluff\$3 fluffed\$3 wool wool-like texturiz\$3 (strands near4 separat\$3)) and (chop\$3 chopped cut)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 14:31
S66	1800	(fluff\$3 fluffed\$3 wool wool-like texturiz\$3 (strands near4 separat\$3) loft) same (chop\$3 chopped cut) same (glass fiberglass e-glass) same (strands fibers yarns roving bundle)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 14:32
S67	147	(fluff\$3 fluffed\$3 wool wool-like texturiz\$3 (strands near4 separat\$3) loft) near7 (chop\$3 chopped cut) near7 (glass fiberglass e-glass) near7 (strands fibers yarns roving bundle)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 14:33
S68	110	(fluff\$3 fluffed\$3 wool wool-like texturiz\$3 (strands near4 separat\$3) loft) near7 (chop\$3 chopped cut) near7 (glass fiberglass e-glass) near7 (strands fibers yarns roving bundle)	USPAT	OR	ON	2007/01/18 14:33

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S69	46	(fluff\$3 fluffed\$3 wool wool-like texturiz\$3 (strands near4 separat\$3) loft) near7 (chop\$3 chopped cut) near7 (glass fiberglass e-glass) near7 (strands fibers yarns roving bundle) same (binder resin)	USPAT	OR	ON	2007/01/18 14:51
S70	7	(fluff\$3 fluffed\$3 wool wool-like texturiz\$3 (strands near4 separat\$3) loft) near7 (chop\$3 chopped cut) near7 (glass fiberglass e-glass) near7 (strands fibers yarns roving bundle) same (binder resin)	EPO; JPO	OR	ON	2007/01/18 14:53
S71	23	(fluff\$3 fluffed\$3 wool wool-like texturiz\$3 (strands near4 separat\$3) loft) near7 (chop\$3 chopped cut) near7 (glass fiberglass e-glass) near7 (strands fibers yarns roving bundle) same (binder resin)	US-PGPUB; USOCR	OR	ON	2007/01/18 14:53
S72	7	(fluff\$3 fluffed\$3 wool-like texturiz\$3 (strands near4 separat\$3) loft) near7 (chop\$3 chopped cut) near7 (glass fiberglass e-glass) near7 (strands fibers yarns roving bundle) same (binder resin)	US-PGPUB; USOCR	OR	ON	2007/01/18 14:55
S73	2211	(owens and corning (owens-corning)).as.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/18 14:55
S74	322	(owens and corning (owens-corning)).as. and (glass and (fiber yarn bundle roving) and (texturiz\$3 fluff\$3 fluffed\$3 wool-like expand\$3 loft (blow\$2 near2 apart) (strands near2 separate)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/18 14:58
S75	175	(owens and corning (owens-corning)).as. and (glass and (fiber yarn bundle roving) and (texturiz\$3 fluff\$3 fluffed\$3 wool-like expand\$3 loft (blow\$2 near2 apart) (strands near2 separate))) and (chop chopped cut cutting)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/18 14:58

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S76	150	(owens and corning (owens-corning)).as. and (glass and (fiber yarn bundle roving) and (texturiz\$3 fluff\$3 fluffed\$3 wool-like expand\$3 loft (blow\$2 near2 apart) (strands near2 separate)) and (chop chopped cut cutting) and (binder resin)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/18 15:27
S77	1207	(fiber yarn bundle roving) near7 (texturiz\$3 fluff\$3 fluffed\$3 wool-like wool-type expand\$3 loft (blow\$2 near2 apart) (strands near2 separate)) same (chop chopped cut cutting) and (binder resin)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/18 15:28
S78	97	(fiber yarn bundle roving) near7 (texturiz\$3 fluff\$3 fluffed\$3 wool-like wool-type expand\$3 loft (blow\$2 near2 apart) (strands near2 separate)) same ((chop chopped cut cutting) with (prior before segments)) and (binder resin)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/18 15:29
S79	2	"2992154".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 06:34
S80	0	S79 and (mold\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 06:35
S81	1	S79 and (shap\$3 form\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 06:37
S82	8	("6448307" "4524039" "6032606" "5908596" "3639424" "5750058" "4568603").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 06:38
S83	2	"6715191".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/01/19 11:30
S84	2	"6029897".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/01/19 11:30
S85	1	S84 and (binder resin adhesive)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/01/19 12:10

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S86	2	"6207729".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/01/19 12:24
S87	5	("3639424").pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/01/19 12:24
S88	2	("3639424").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 12:24
S89	1	S88 and (fluff\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 12:27
S90	371	(yarn strands fiber) same (texturiz\$3 fluff\$3 fluffed\$3) same (gun handheld handle portable)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 12:28
S91	162	(yarn strands fiber) same (texturiz\$3 fluff\$3 fluffed\$3) same (gun handheld handle portable) same (air gas)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 12:28
S92	2	(yarn strands fiber) same (texturiz\$3 fluff\$3 fluffed\$3) same (gun) same (handheld handle portable) same (air gas)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 12:29
S93	46	(yarn strands fiber) same (texturiz\$3 fluff\$3 fluffed\$3) same (gun) same (air gas)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 14:00
S94	2	"3639424".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 14:00
S95	1	S94 and (filament strand)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 14:04
S96	1	S94 and (yarn bundle roving)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 14:07
S97	4	("2465319" "2901466").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 14:07
S98	2	S97 and (strand filament yarn roving bundle twist\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 14:53
S99	2	"3639424".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 14:54

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S10 0	1	S99 and fluff\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 15:43
S10 1	15	"722678"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 15:43
S10 2	1	(US-3111270-\$).did.	USOCR	OR	ON	2007/01/19 15:45
S10 3	1	S102 and (cut chop chopped sever\$3)	USOCR	OR	ON	2007/01/19 15:52
S10 4	154	(fiber) with (chop chopped cut staple short sever\$3) with (spray air) with (gun nozzle)	USOCR	OR	ON	2007/01/19 15:53
S10 5	542	(fiber) with (chop chopped cut staple short sever\$3) with (spray air) with (gun nozzle)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 15:53
S10 6	182	(fiber) with (chop chopped cut staple short sever\$3) with (spray air) with (gun)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 15:53
S10 7	150	(fiber) with (chop chopped cut) with (spray air) with (gun)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 15:53
S10 8	103	(fiber) with (chop chopped) with (spray air) with (gun)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 15:53